

10/751,611

=> d his full

(FILE 'HOME' ENTERED AT 16:02:48 ON 22 SEP 2005)

FILE 'REGISTRY' ENTERED AT 16:02:59 ON 22 SEP 2005

L1 STRUCTURE UPLOADED

D

L2 50 SEA SSS SAM L1

L3 1006 SEA SSS FUL L1

FILE 'CASREACT' ENTERED AT 16:04:35 ON 22 SEP 2005

L4 STRUCTURE UPLOADED

D

L5 0 SEA SSS SAM L4 (0 REACTIONS)

L6 0 SEA SSS FUL L4 (0 REACTIONS)

FILE 'HCAPLUS' ENTERED AT 16:05:37 ON 22 SEP 2005

L7 1204 SEA L3

FILE 'REGISTRY' ENTERED AT 16:06:01 ON 22 SEP 2005

L8 1 SEA LATANOPROST/CN

D

L9 1 SEA BIMATOPROST/CN

D

L10 1 SEA TRAVOPROST/CN

D

FILE 'HCAPLUS' ENTERED AT 16:07:18 ON 22 SEP 2005

L11 1204 SEA L3

L12 77207 SEA LATANOPROST OR BIMATOPROST OR TRAVOPROST OR PROSTAGLANDIN?

L13 1095 SEA L11 AND L12

L14 0 SEA 11,4-ADDITION

L15 618 SEA 1,4-ADDITION

L16 0 SEA L13 AND L15

L17 14300 SEA WITTIG REACTION

L18 53 SEA L13 AND L17

L19 27 SEA L18 AND ESTERIFI?

L20 11 SEA L19 AND ?PROTECT?

L21 12519 SEA TETRAHYDROPYRANY? OR THP

L22 6 SEA L20 AND L21

L23 1 SEA L22 AND (DIOL OR ?DIHYROX?)

L24 2 SEA L22 AND CLEAV?

D L22 1-6 IBIB ABS

D L24 1-2 IBIB ABS

FILE 'BIOSIS, MEDLINE' ENTERED AT 16:14:34 ON 22 SEP 2005

L25 192853 SEA LATANOPROST OR BIMATOPROST OR TRAVOPROST OR PROSTAGLANDIN?

L26 18845 SEA L25 AND ANALOG?

L27 9 SEA L26 AND WITTIG REACTION

L28 73 SEA L26 AND ESTERIFI?

L29 2 SEA L28 AND CLEAV?

L30 8 SEA L28 AND CYCLOPENT?

L31 0 SEA L28 AND ?CUPRATE?

D L27 1-9 IBIB ABS

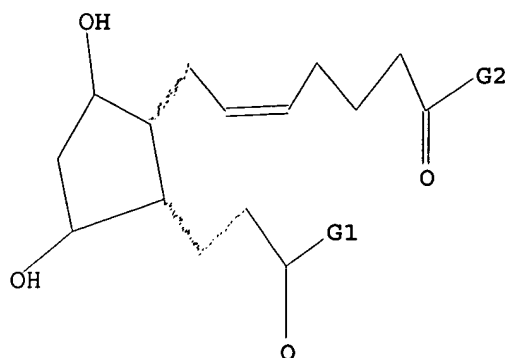
D L29 1-2 IBIB ABS

D HSI

FILE HOME

10/751,611

=> d
L1 HAS NO ANSWERS
L1 STR



G1 Cb,Ak,Ph,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

G2 MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,NH

Structure attributes must be viewed using STN Express query preparation.

=> s l1
SAMPLE SEARCH INITIATED 16:03:40 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 355 TO ITERATE

100.0% PROCESSED 355 ITERATIONS 50 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 5970 TO 8230
PROJECTED ANSWERS: 656 TO 1544

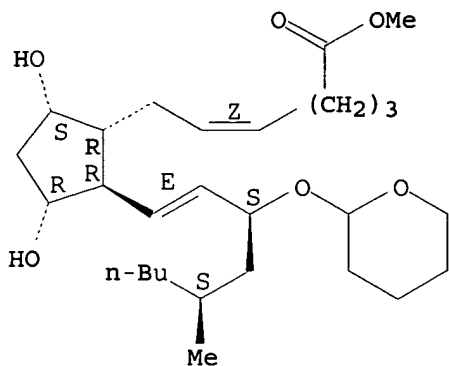
L2 50 SEA SSS SAM L1

=> d scan

L2 50 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3S,5S)-5-methyl-3-
[(tetrahydro-2H-pyran-2-yl)oxy]-1-nonenyl]cyclopentyl]-, methyl ester,
(5Z)-(9CI)
MF C28 H48 O6

Absolute stereochemistry.
Double bond geometry as shown.

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> s l1 full

FULL SEARCH INITIATED 16:03:59 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 6657 TO ITERATE

100.0% PROCESSED 6657 ITERATIONS

1006 ANSWERS

SEARCH TIME: 00.00.01

L3 1006 SEA SSS FUL L1

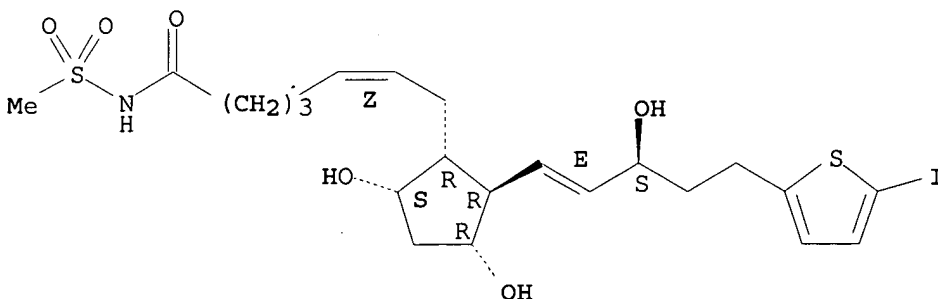
=> d scan

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 5-Heptenamide, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3S)-3-hydroxy-5-(5-iodo-2-thienyl)-1-pentenyl]cyclopentyl]-N-(methylsulfonyl)-, (5Z)- (9CI)

MF C22 H32 I N O6 S2

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

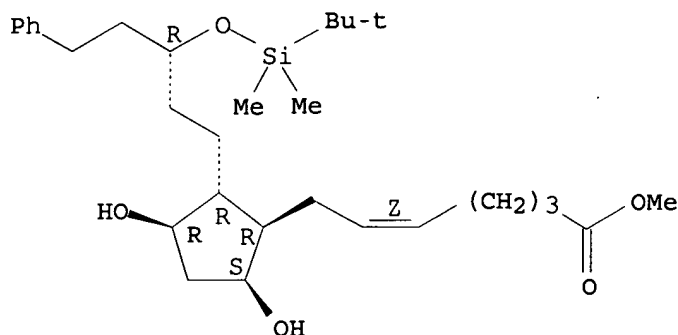
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):15

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

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IN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-2-[(3R)-3-[[[(1,1-dimethylethyl)dimethylsilyl]oxy]-5-phenylpentyl]-3,5-dihydroxycyclopentyl]-, methyl ester, (5Z)- (9CI)
MF C30 H50 O5 Si

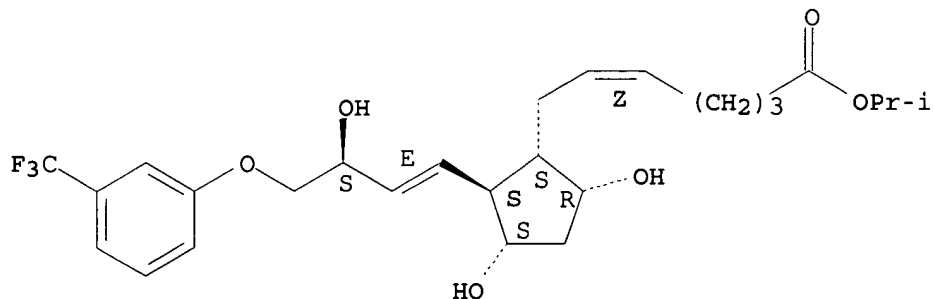
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3R)-3-hydroxy-4-[3-(trifluoromethyl)phenoxy]-1-butenyl]cyclopentyl]-, 1-methylethyl ester, (5Z)-rel- (9CI)
MF C26 H35 F3 O6

Relative stereochemistry.
Double bond geometry as shown.

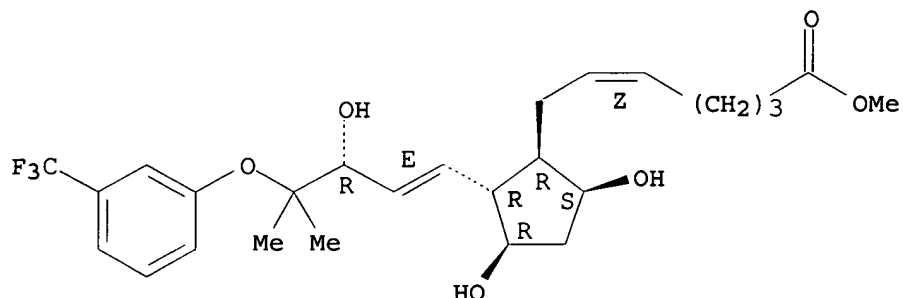


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[(1R,2R,3R,5S)-3,5-dihydroxy-2-[(1E,3R)-3-hydroxy-4-methyl-4-[3-(trifluoromethyl)phenoxy]-1-pentenyl]cyclopentyl]-, methyl ester, (5Z)-rel- (9CI)
MF C26 H35 F3 O6

10/751,611

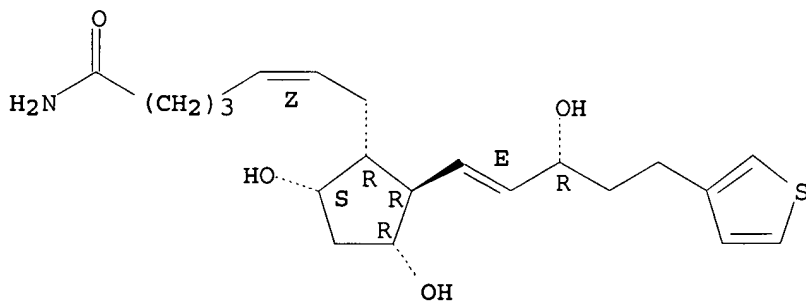
Relative stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenamide, 7-[3,5-dihydroxy-2-[3-hydroxy-5-(3-thienyl)-1-pentenyl]cyclopentyl]-, [1 α (Z),2 β (1E,3R*),3 α ,5 α]-
(9CI)
MF C21 H31 N O4 S

Relative stereochemistry.
Double bond geometry as shown.

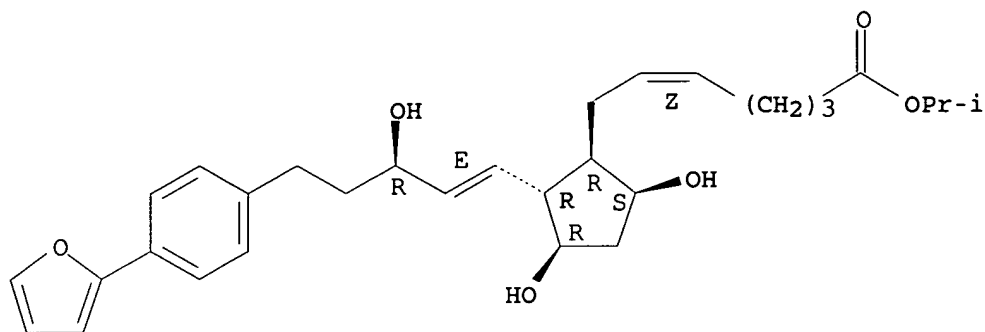


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[2-[5-[4-(2-furanyl)phenyl]-3-hydroxy-1-pentenyl]-3,5-dihydroxycyclopentyl]-, 1-methylethyl ester, [1R-[1 α (Z),2 β (1E,3R*),3 α ,5 α]]- (9CI)
MF C30 H40 O6

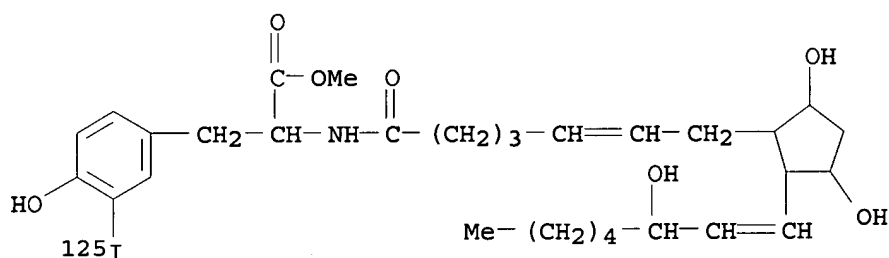
Absolute stereochemistry.
Double bond geometry as shown.

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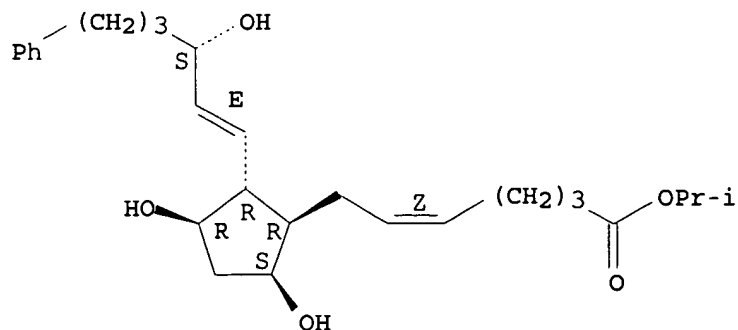
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN L-Tyrosine, 3-(iodo-125I)-N-[(5Z,9 α ,11 β ,13E,15S)-9,11,15-trihydroxy-1-oxoprostano-5,13-dien-1-yl]-, methyl ester (9CI)
 MF C30 H44 I N O7



L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
 IN 5-Heptenoic acid, 7-[3,5-dihydroxy-2-(3-hydroxy-6-phenyl-1-hexenyl)cyclopentyl]-, 1-methylethyl ester, [1R-[1 α (Z),2 β (1E,3S*),3 α ,5 α]]- (9CI)
 MF C27 H40 O5

Absolute stereochemistry.
 Double bond geometry as shown.

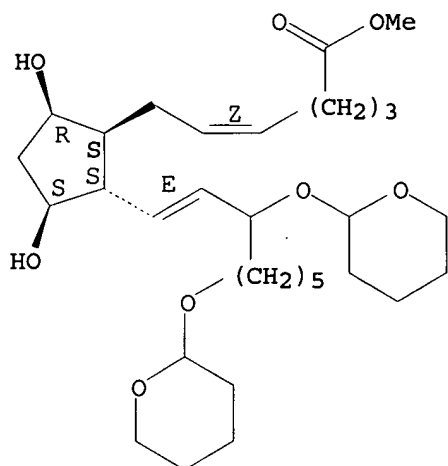


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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Prosta-5,13-dien-1-oic acid, 9,11-dihydroxy-15,20-bis[(tetrahydro-2H-pyran-2-yl)oxy]-, methyl ester, (5Z,8 β ,9 β ,11 β ,12 α ,13E)-(9CI)
MF C31 H52 O8

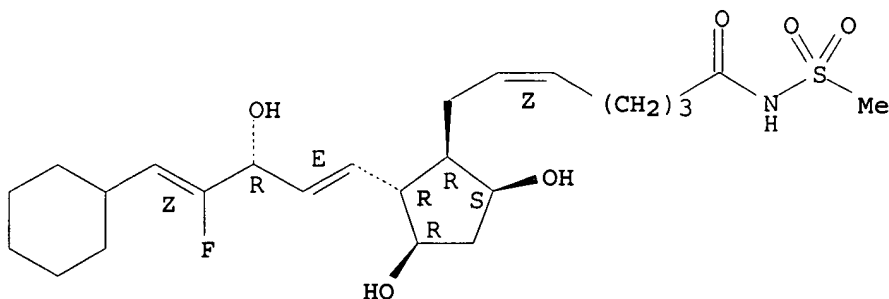
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenamide, 7-[2-(5-cyclohexyl-4-fluoro-3-hydroxy-1,4-pentadienyl)-3,5-dihydroxycyclopentyl]-N-(methylsulfonyl)-, [1R-[1 α (Z),2 β (1E,3R*,4Z),3 α ,5 α]]-(9CI)
MF C24 H38 F N O6 S

Absolute stereochemistry.
Double bond geometry as shown.

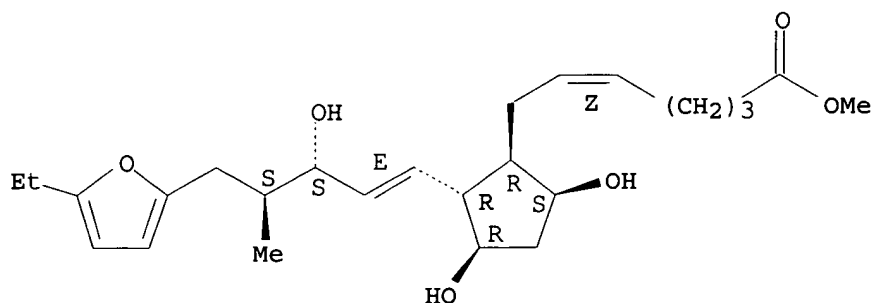


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[2-[5-(5-ethyl-2-furanyl)-3-hydroxy-4-methyl-1-pentenyl]-3,5-dihydroxycyclopentyl]-, methyl ester, [1R-[1 α (Z),2 β (1E,3S*,4S*),3 α ,5 α]]- (9CI)
MF C25 H38 O6

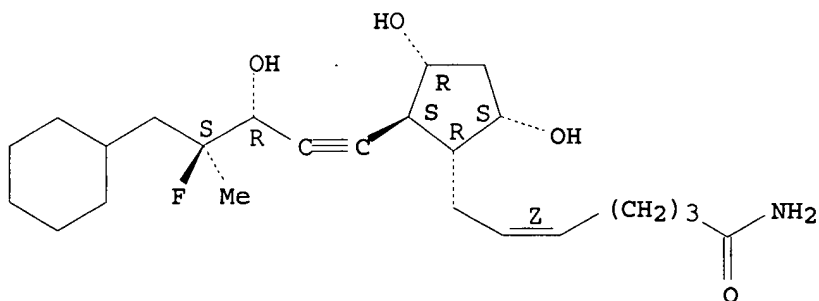
Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenamide, 7-[2-(5-cyclohexyl-4-fluoro-3-hydroxy-4-methyl-1-pentynyl)-3,5-dihydroxycyclopentyl]-, [1R-[1 α (Z),2 β (3R*,4S*),3 α ,5. α lpha.]]- (9CI)
MF C24 H38 F N O4

Absolute stereochemistry.
Double bond geometry as shown.

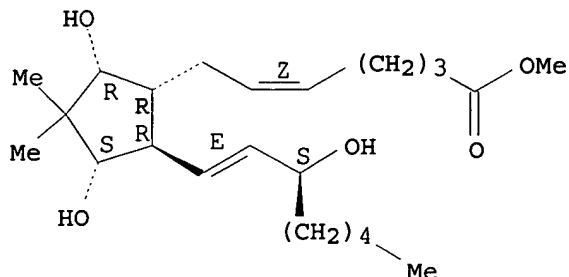


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Prosta-5,13-dien-1-oic acid, 9,11,15-trihydroxy-10,10-dimethyl-, methyl ester, (5Z,9 α ,11 α ,13E,15S)-(+)- (9CI)
MF C23 H40 O5

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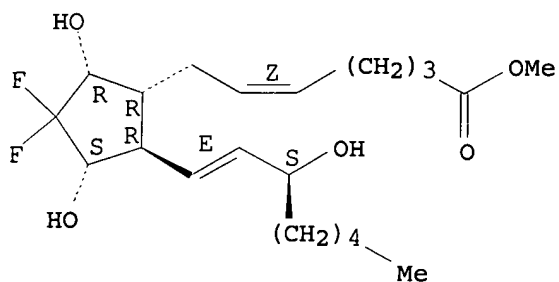
Relative stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Prosta-5,13-dien-1-oic acid, 10,10-difluoro-9,11,15-trihydroxy-, methyl
ester, (5Z,9 α ,11 α ,13E,15S) - (9CI)
MF C21 H34 F2 O5

Absolute stereochemistry.
Double bond geometry as shown.

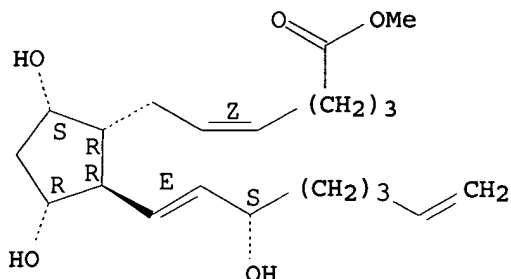


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN Prosta-5,13,19-trien-1-oic acid, 9,11,15-trihydroxy-, methyl ester,
(5Z,9 α ,11 α ,13E,15S) - (9CI)
MF C21 H34 O5

Absolute stereochemistry.
Double bond geometry as shown.

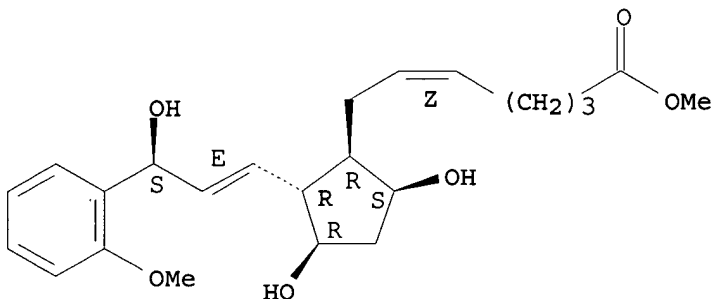
10/751,611



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 1006 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN
IN 5-Heptenoic acid, 7-[3,5-dihydroxy-2-[3-hydroxy-3-(2-methoxyphenyl)-1-propenyl]cyclopentyl]-, methyl ester, [1R-[1 α (Z),2 β (1E,3S*),3. α lpha.,5 α]]-(9CI)
MF C23 H32 O6

Absolute stereochemistry.
Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file casreact

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

162.19

162.40

FILE 'CASREACT' ENTERED AT 16:04:35 ON 22 SEP 2005

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 18 Sep 2005 VOL 143 ISS 12

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New CAS Information Use Policies, enter HELP USAGETERMS for details.

```
*****
*
*   CASREACT now has more than 9.2 million reactions
*
*****
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

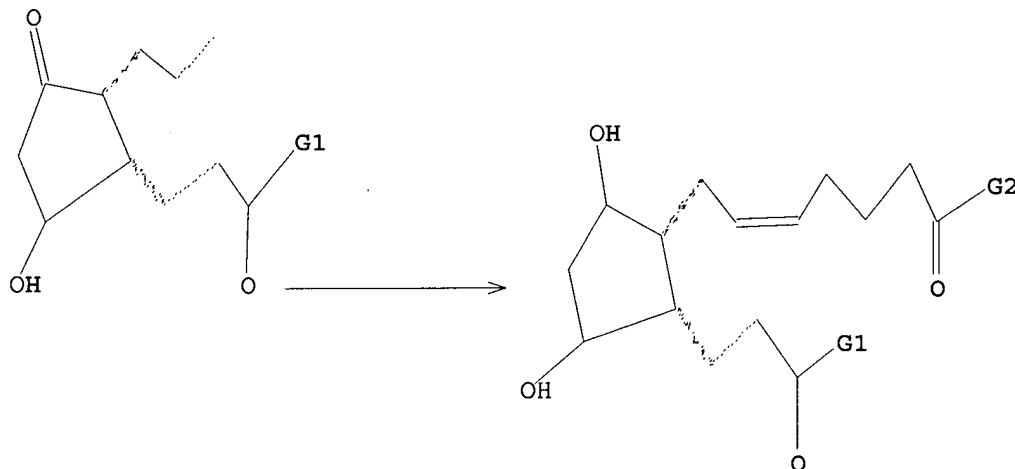
Uploading C:\Program Files\Stnexp\Queries\611.str

L4 STRUCTURE UPLOADED

=> d

L4 HAS NO ANSWERS

L4 STR



G1 Cb,Ak,Ph,MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO

G2 MeO,EtO,n-PrO,i-PrO,n-BuO,i-BuO,NH

Structure attributes must be viewed using STN Express query preparation.

=> s l4

SAMPLE SEARCH INITIATED 16:05:22 FILE 'CASREACT'

SCREENING COMPLETE - 12 REACTIONS TO VERIFY FROM 4 DOCUMENTS

100.0% DONE 12 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 33 TO 447
PROJECTED ANSWERS: 0 TO 0

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L5 0 SEA SSS SAM L4 (0 REACTIONS)

=> s 14 full

FULL SEARCH INITIATED 16:05:28 FILE 'CASREACT'

SCREENING COMPLETE - 963 REACTIONS TO VERIFY FROM 86 DOCUMENTS

100.0% DONE 963 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.02

L6 0 SEA SSS FUL L4 (0 REACTIONS)

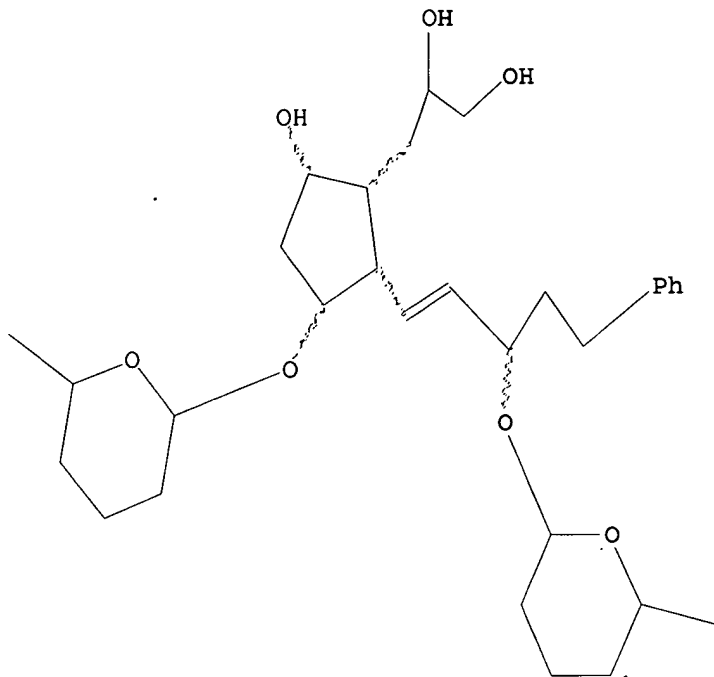
10/751,611

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1

SAMPLE SEARCH INITIATED 17:58:57 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 24 TO ITERATE

100.0% PROCESSED 24 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 187 TO 773

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 17:59:02 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 441 TO ITERATE

100.0% PROCESSED 441 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=> d his full

(FILE 'HOME' ENTERED AT 17:58:13 ON 22 SEP 2005)

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FILE 'REGISTRY' ENTERED AT 17:58:24 ON 22 SEP 2005

L1 STRUCTURE UPLOADED

D

L2 0 SEA SSS SAM L1

L3 0 SEA SSS FUL L1